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5 JUL 1926

TO THE Clandilo Urban Sanitary Authority.



GENTLEMEN,

I have the honour to submit my Report for the year ending December 31st, 1925. It was intimated in paragraph 13 of Circular 540 (Wales) that the Report for 1925 should be a survey report, and dealing with any improvements in the district during the last five years.

Area in acres	...	...	...	...	302
Population census 1921	...	2071.	Estimated population 1925	...	2053.
Number of inhabited houses	..	...	...	...	541
Number of uninhabited houses	...	...	...	...	1
Number of families in separate houses	...	...	...	...	510
Rateable value	...	...	...	...	£8127
Sum represented by a penny rate	...	...	...	...	£30

SOCIAL CONDITIONS.

The social conditions may be described as those usually appertaining to a small country town situated in the midst of a purely agricultural area.

There are no large manufacturing industries or other enterprises in the district.

DEATHS & DEATH RATES.

There were in 1925 thirty-six deaths registered, viz.: 17 males and 19 females, giving a rate of 17.3 as compared with a rate of 12.2 for the whole of England & Wales.

Table of Deaths and Death Rates for the last five years.

Year.	Number.	Rate.	Rate for England & Wales.
1921	23	11.2	12.3
1922	36	17.3	12.9
1923	24	11.5	11.6
1924	16	7.8	12.2
1925	36	17.3	12.2

Average for five years—27 deaths, and a rate of 13.1.

Causes of, and ages at, Death during the year.

CAUSES OF DEATH.				Deaths in whole District at subjoined ages.						
				At all ages.	Under 1 year.	1—5	5—15	15—25	25—65	65 & upwards
Epidemic Influenza	..	..	..	2	..	..	..	1	..	1
Measles	..	..	..	..	..	..	..	..	..	..
Whooping Cough	..	..	..	..	..	..	..	..	..	..
Heart Diseases	..	..	..	8	..	..	..	..	3	..
Scarlet Fever	..	..	..	..	..	..	..	..	..	..
Diphtheria	..	..	..	..	..	..	..	..	..	..
Disease of Kidneys	..	..	..	1	..	..	..	..	..	1
Enteric Fever	..	..	..	..	..	..	..	..	..	..
Diarrhœa, Enteritis	..	..	..	1	..	1	..	..	..	..
Cancer	..	..	..	4	..	..	..	..	2	..
Phthisis	..	..	..	..	..	..	..	..	..	..
Other Tubercular Diseases	..	..	..	1	..	..	1	..	..	..
Bronchitis	..	..	..	1	..	..	..	..	1	..
Senile Decay	..	..	..	..	..	..	..	..	..	..
Broncho Pneumonia	..	..	..	2	..	..	..	..	..	2
Croupous Pneumonia	..	..	..	2	..	..	1	..	..	1
Puerperal Fever	..	..	..	..	..	..	..	..	..	..
Cerebral Hæmorrhage	..	..	..	7	..	..	..	..	3	..
Appendicitis and Typhlitis	..	..	..	..	..	..	..	..	..	..
Rheumatic Fever	..	..	..	..	..	..	..	..	..	..
Violent deaths..	..	..	..	2	..	..	1	..	1	..
Suicides	..	..	..	2	..	..	..	..	2	..
All other Causes	..	..	..	3	..	..	..	..	2	..
All Causes	..	..	..	36	..	1	..	2	..	1
	..	..	..	..	..	1	..	1	..	15
	..	..	..	..	..	..	1	..	..	16

BIRTHS & BIRTH RATES.

The Total number of births registered during 1925 was 29 ; 19 males and 10 females, a rate of 14.1 in comparison with a rate of 18.3 for the whole of England and Wales. The number and rate quoted is approximately the average for the town.

Deaths of infants under of 1 year ... 1

ZYMOTIC DISEASES.

Three cases of Erysipelas, three cases of Diphtheria, and two cases of Scarlet Fever were notified during the year 1925. No deaths were recorded.

Disinfection was carried out after every case of infectious disease.

PUBLIC HEALTH (Tuberculosis Regulations 1921).

Number of notifications received—2, viz.: one of Tuberculosis of Sacro-iliac joint, and one of Tubercular Meningitis, a child 3 years of age and which was the only death for the year from any tubercular disease.

Summary of Nursing arrangements, Hospitals, and other Institutions available for the district.

Professional Nursing in the Home.

- (a) District Nurse.
- (b) Private Nursing.

The District Nurse is under the charge of a local committee of ladies, is not connected with the local authority, and is supported and maintained by voluntary contributions.

For nursing infectious diseases none.

Midwives.

None employed by Local Authority.

Private Midwives.

Number employed in the district ... 1 certificated.
1 uncertificated.

Clinics and Treatment Centres.

None.

Hospitals provided as subsidised by Local Authority.

- 1 Maternity ... None.
- 2 Children ... None.
- 3 Fever ... None.

4 Tuberculosis—Llanybyther Sanatorium about 20 miles distant, but is not connected or supported by Local Authority.

5 A general Hospital at Swansea, 23 miles away, supported by voluntary contributions, and is not supported by the Local Authority.

There is no institutional provision for unmarried mothers, illegitimate children, and homeless children, with the exception of the Union.

MEAT & FOOD INSPECTION.

During last year the following were destroyed owing to unfitness for consumption—

One carcase of sheep.

One carcase of calf.

One cow taken from slaughterhouse and shot.

About 100 livers (sheep).

One barrel of apples.

One barrel of oranges.

Constant supervision is kept up by the Sanitary Inspector.

MILK SUPPLY.

Interested in the milk supply are cow-keepers and milk-sellers.

The quality of the milk is good and fairly free from sediment, but in some instances not quite free from dirt.

An order comes in force on the 1st July, and it is to be hoped that it will become operative here.

The premises set apart for the storage of milk is very unsatisfactory, want of care is often shown at farm premises, not only outside but much more might be done to keep the cowsheds in a clean and wholesome condition and cleanliness in handling milk.

The milk supply will be further dealt with after the new act becomes operative.

FACTORY & WORKSHOPS ACT.

There are in the district—

Registered Workshops	...	...	61
Offensive Trades	...	...	nil.

All were found satisfactory on inspection.

SCHOOLS.

These were found on the whole satisfactory. A constant supply of water has been kept up.

At the County School the closet accommodation is insufficient for the number of children attending the school.

There was no epidemic during the year, and no schools were closed.

In a previous report I called attention to the disadvantage of my inability of closing the infant department of the Council School separately, in order to control a commencing epidemic and where it effects infants particularly.

HOUSING AND HOUSING CONDITIONS.

	1923	1924	1925
Number of houses constructed during year ...	2	3	6
Do. do. under Housing Acts ...	—	—	9
Unfit houses re-constructed ...	1	4	—

Dwellings unfit for habitation—

South Bank —structural and sanitary defects ...	...	...	8 houses
Bank Buildings— do. do ...	...	..	8 houses
North Bank —no through ventilation ...	...	..	1 house
Other dwellings not in accordance with requirements ...	...	...	21 houses

The houses in North Bank have been structurally improved during 1924.

The character of the defects mentioned above are :—

- (a) No through ventilation.
- (b) Not enough window area.
- (c) Structural defects.
- (d) Over-crowding.

New Buildings.

During the last three years 19 new houses have been built, and 5 dwelling houses made habitable.

With the exception of the houses mentioned above the housing conditions at Llandilo are very good.

Bye-Laws relating to Houses.

The Council have adopted and the Ministry of Health have approved of the Bye-Laws as set forth in Urban areas.

SLAUGHTER HOUSE

Certain alterations have been carried out since my last report, and there is a satisfactory improvement. The sheep pens have been roofed, and the right-of-way through the slaughter house yard has been done away with, and gates placed at each entrance.

Offal is removed every twenty-four hours, and the usual limewashing attended to.

Runways and tracks should be installed, the existing beams done away with, and the underside of the roof lined with sheet asbestos.

PROVISION MARKET.

The provision market will be renovated and improved upon during the coming year. The existing roof and stall will be removed together with the stores, and a new steel roof installed with asbestos tiles and patent reinforced concrete flat roofs and floors, and the lighting system improved. Lavatories for both sexes will be provided in the scheme, and the cattle lairs will also be completely renovated.

CATTLE MARKET.

This has been attended to during the last three years, and with the exception of a little concrete floor is now in good order.

The mart is cleaned up after each sale, and disinfectants freely used.

SANITARY CONDITIONS OF THE AREA.

Rivers and Streams.

The rivers and streams are fairly free from pollution, constant attention is given to the low-lying area, and a new culvert has been recently constructed.

Drainage and Sewerage.

The system generally works fairly well. A new length of drain has been recently constructed, complete with chambers and gulleys. The street gulleys are also being reconstructed, capable of being easily cleaned.

Constant attention is required owing to the outline of the area. Disinfectants are freely used.

The Council have under consideration the renewal and refixing of the distributing rotary filters at the north end of the area. The main outfalls are always attended to and kept in a clean condition.

Closet Accommodation.

The majority of the closets in use within the area are the water-carriage system. These give satisfaction in the majority of cases, trouble is sometimes experienced, due to the inadequacy of inspection chambers. These are installed as occasion arises.

Water Closets.

Approximate number within area	...	...	573
Number repaired, ventilated and improved	16
Number without flush cisterns	None.

Earth Closets.

Total within area	6
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These are at Nantyrhibo, a district not yet sewered.

I referred last year to the insufficient number of W.C.'s in Railway Terrace, and suggested that the defect should be remedied, this I find has not been done.

Cesspools.

Number in the area	3
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Scavenging.

The house refuse is cleared twice weekly, and deposited behind the Electric Light Station, and also at Victoria Field.

Street scavenging is done daily by the Council's employees, and the refuse carted away daily.

The streets are now fairly free from dust since tar-spraying has been done.

Total number of houses within the area from which refuse is removed

by Local Authority about 525.

WATER SUPPLY.

The system gravitates from a spring at Llandyfan, approximately 5 miles from Llandilo.

Another source is the Maesivan reservoir of 1,000,000 gallons capacity, fed by springs from the uplands of Gellygroes and Onenfawr. This is also a gravitation scheme analysis.

In 1923, 1924 and 1925, the water was analysed from both sources on several occasions, the reports indicated sources of surface contamination, which has now been remedied.

The last Report is given below.

(1) *Chemical Analysis*—

			Llandyfan.		Maesivan.
Total solid matter—grains per gallon	...	...	15	...	5
Free Ammonia—parts per million	...	...	0.01	...	0.01
Albumenoid Ammonia—parts per million	...	...	0.03	...	0.09
Nitrogen as Nitrites and Nitrates—grain per gallon	...	...	0.057	..	0.046
Chlorine—grains per gallon	...	...	9.9	..	0.8
Degree of Hardness	..	...	12.6	...	2.8
Metals—lead or copper	...	...	none.		none.

(2) *Bacteriological Analysis*—

Count after plating on agar agar and incubated at 98.4 for
48 hours organism per C.C.

	...	...	17	...	12
COLI TEST after 48 hours	...	..	negative	...	negative
Do. do. 72 hours	...	...	do.	...	do.

WATER SUPPLY IMPROVEMENTS.

Maesevan.

Much work has been carried out at this source, the relaying of the main inlet line, the cleaning of the reservoir and the surrounding area, the provision of new inspection chambers, and the efficient protection of the reservoir against pollution.

The Council intend proceeding with minor improvements at this source

Llandyfan.

In 1923, 1924, 1925, periodical discolouration was experienced from this source, but this is now absent; constant attention is given to this matter, and when discolouration does take place, the Council has made arrangements to be supplied with clear water by tapping the Llanelly Rural trunk line.

DISTRIBUTION SYSTEM.

An enquiry was held in 1915 into the question of renewing the distribution mains in the upper district. Sanction has not yet been given to proceed with the work. As this is an urgent matter it is to be hoped that this important improvement will not be left in abeyance. The mains supplying the upper part of the town are badly in need of attention.

I strongly advise the provision of renewing the older mains every year. Leakage in the mains and services is having the attention of the Council.

A marked improvement in the quantity and quality of the water has been quite apparent lately.

SANITARY INSPECTION OF AREA.

Summary of Work done.

Housing and House Inspection ...	...	...	321
Schools ...	...	...	5
Stables ...	...	...	20
Cesspools ...	...	...	3
Cleaning Premises ...	...	...	5
Cleaning Refuse ...	...	...	4
Cleaning Manure ...	...	...	5
White Washing ...	...	...	21
Cleaning Choked Drains ...	...	...	25
New Gulleys provided ...	...	...	2
Making New Drains ...	...	...	5
Repairing Defective Gully Traps ...	...	...	6
Making New Water Closets ...	...	...	1
Repairing of W.C. Pans, Cisterns, &c. ...	...	...	16
Stoppage of Leakages &c. ...	...	...	51
Repairs of Yards and Areas ..	...	...	7
Repairs of Dwelling Interiors ...	...	...	4
Repairs of Dwelling Roofs and Troughings ...	...	...	7
Buildings in Course of Renovations ...	...	...	2
No. of Informal Notices Served...	...	...	8
No. of Notices complied with ...	...	...	8
No. of Statutory Notices Served ...	...	...	None

D. PHILLIPS,

M.R.C.S. Eng., L.R.C.P. Lond.,

Medical Officer of Health of the Llandilo Urban Auth



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Supplementary Report for 1923
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Copy.

LLANDILO URBAN DISTRICT COUNCIL.

Llandilo. November 26th. 1923.

Dear Sir,

As desired, and with a view to your replying to the letter of the 8th. October last, from the Welsh Board of Health, I beg to report as follows, namely:-

1. Weekly Inspections are carried out under the Public Health (Meat) Regulations 1924 and all stalls and shops and periodical inspection of stores and Vehicles, and reported in tabular form in the Medical Officer of Health's Report for 1923.
2. I take it that you as Clerk will reply to this.
3. There are no Private Slaughterhouses within the Llandilo Urban Area. All slaughtering of cattle etc. is carried out at the Public Slaughter House which is owned by the Llandilo Urban District Council.

Yours faithfully,

(Signed) T. George Price.

Sanitary Inspector.

J. G. Edwards, Esq.,
Clerk to the Council.
Llandilo.

Copy.

Llandilo Urban District Council.
LLANDILO.

26th November, 1926.

The Secretary,
Welsh Board of Health,
City Hall,
CARDIFF.

Sir,

Ref. L.H.D. 319/5.

In reply to your letter of the 8th. ultimo, I herewith enclose copy of a letter received by me today in reference to the points raised in your letter.

I may point out that as regards the information required by you re legislation in force, the following bye-laws are in force, namely:-

Bye-laws under the Public Health Act, 1875.

Bye-laws re Tenian Park.

Bye-laws in respect of New Streets and Buildings.

I may add, that a copy of your letter was handed to my Council's Medical Officer of Health, and that I assumed that he had written to you in reply thereto.

I am, Sir,

Your obedient Servant,

(Sgd.) E. Minns.
Clerk.

